

## Meeting Minutes: EUDIN Meeting in Vienna

<b>Titel</b>	EUDIN Meeting for Information exchange
<b>Date and location</b>	18.10.2016, 10:00 – 16:00, Vienna, Stubenbastei 5, Festsaal
<b>Participants</b>	Mr. Andre Hauser, Mr. Marc Leemans, Mr. Erik Tronsen, Mrs Sandra Flammang, Mr. Mario Zec, Mrs. Nada Suhadolnik-Gjura, Mrs. Claudia Neurauter, Mr. Gernot Lorenz, Mr. Ulrich Kremser, Mr. Franz Mochty, Mr. Clemens Schießler, Mr. Norbert Pfaffinger, Mr. Martin Heinrich
<b>To be informed</b>	Mr Christian Glasel, Mr. Robert Kindermann, Mr. Helge Ziolkowski, Mr. Jean-Luc Oury, Mr. Jérôme Hilbert, Mrs. Petra Robben, Mr. Gilles Gressard, Mr. Robert Schmit, Mr. John Palm, Mrs. Franziska Affolter; Mr. Florin Lates, Mr. Sorin Buliga

### 1.) Agenda

<b>Topic</b>	<b>from</b>	<b>till</b>	<b>Contributor</b>
WELCOME	10:00	10:15	Franz Mochty
Introduction of the participants	10:15	10:30	Clemens Schiesser
Agenda/Topics	10:30	10:35	Martin Heinrich
Current status of (electronic) waste shipment handling in individual countries	10:35	11:00	Franz Mochty, all
COFFEE Break	11:00	11:10	ALL
Current status of (electronic) waste shipment handling in individual countries	11:10	11:30	cnt'd
SWISS EUDIN integration	11:30	12:15	André Hauser
LUNCH Break	12:15	13:15	All

Topic	from	till	Contributor
LUNCH Break	12:15	13:15	All
EC and Basel developments	13:15	13:30	Norbert Pfaffinger
Discussion of the EC EDI Protocol Study	13:30	14:15	Franz Mochty, all
UN/CEFACT work	14:15	14:30	Norbert Pfaffinger
COFFE Break	14:30	14:40	All
EUDIN Messaging Service-Functionality; from Test to Productive Use	14:40	14:55	Norbert Pfaffinger
Conclusion and next steps	14:55	15:45	Franz Mochty, all
AOT	15:45	15:55	Martin Heinrich, all
End of Meeting	15:55	16:00	Franz Mochty

## 2. Current status of (electronic) waste shipment handling in individual countries

Status in Lombardia:

- Mr. Andre Hauser talked to Lombardia, up to now there is no response from them

Status in Belgium:

- OVAM has an own web portal and the companies can log into the system. The companies have to sign a contract before using the system and must sign at the end of the contract (handwritten signature). This signature will be used where a signature is needed on the shipment documents (e.g. notification, movement document, ...)
- In exchanges where electronic data interchange is not (yet) available, the system can be used to create and send faxes
- this feature might not yet be used as of now, but will start being used in the near future
- In electronic data interchange digital signatures are not supported, and digital signatures not (yet) seen as a requirement

- OVAM sends faxes and therefore takes over companies' responsibilities
- The fax transmission status is indicated in the system's user interface: A green flag indicated a fax has been successfully sent, whereas a red flag indicates failure; It remains companies' responsibility to check and ensure documents have been successfully exchanged, including whether or not faxes have been successfully transmitted, especially by checking the green/red flag indicators in the system
- The picture of the handwritten signature is placed on documents which are sent via fax
- OVAM covers the costs of these fax transmissions. This is meant to be an incentive for companies to use the system, to provide data electronically, rather than just sending paper documents. Such an incentive is needed as for the time being there is no obligation for companies to provide data electronically (to use the web interface).
- Support of exchange via email and via electronic data interchange is planned for the near future
- As of now, only one login per company is supported. It is assigned to one natural person (company representative). There is an obvious risk though that these credentials are shared among multiple persons working for that company. In the longer run multiple users per company can be supported
- Notification including attachments can be uploaded; Still, when using the web interface, companies also have to provide the original signed paper documents of contract and notification to the CA
- There are new contact persons at the Dutch CA. Belgium has started talks with the new contact persons regarding electronic data interchange

#### Status in Switzerland:

- so far there is only one set of credentials per company
- for the next release multiple users and one administrator per company are planned
- for more details see "SWISS EUDIN Integration" (next agenda item)

#### Status in Luxembourg:

- The pilot project for national electronic waste system started in 2007. Around 16 clients announce around 3700 movements per month
- Due to the country's size, the number of exports exceeds the number of national transfers
- Luxembourg had already agreed with a German CA to conduct a pilot project. At some point in the course of this project Germany decided they could not accept the electronic signatures from Luxembourg; Fulfilling the German requirements comes at high costs for LU companies; high costs for electronic announcements can hardly be justified and lead companies into not using the electronic system altogether
- Many LU transporters wish to exchange data electronically; companies benefit from the electronic data interchange solution, if the "whole chain" is covered (notifier, consignee, CA, etc.), this is their expectation
- LU partners are Germany, Belgium, France
- LU contractor left for one year, now he is back, will work on reconnecting to EUDIN messaging service
- Zedal, German company Infotec, established the connection to LU system
- System (web application) so far is limited to movement documents; notification part is being prepared
- Zedal is one of several providers which is connected to German ASYS system, which

interconnects German authorities

- Zedal will also be used in France soon
- The flow of data is currently unidirectional, from Zedal to LU. A bidirectional flow of data, including LU to Zedal, is planned for the near future
- Companies can use German signature cards with the LU solution
- Companies can submit notifications through Zedal
- GnuPG is used for data transport layer security (not for end-to-end security)
- Contact with a second German provider has been established, they also implemented a gateway to the LU system; Both gateways operate using CSV files; Apparently it was inefficient and double work to establish the two gateways individually. In a final solution, ASYS as such should be connected to a European data interchange node/network

Status in Slovenia:

- data is collected by CA in a database (MS-Access)
- permits are sent by mail
- currently not the full range of shipment related documents is entered into the database, due to resource constraints
- SI is interested in establishing electronic data interchange, in connecting the database
- A connection with EUDIN is in preparation
- Especially interested in electronically exchanging with Austria, due to relatively large number of SI-AT shipments/notifications
- The system (database and UI/forms) is used by the CA only; So far companies cannot use the system

Status in Nordic TFS

(reported by Mr. Schiesser, based on email by Helge Ziolkowsky):

- EUDIN standards were used for data model of Nordic TFS
- Finland will be connected to Nordic TFS shortly (currently final testing)
- Connection to EUDIN message broker is planned for 2017

Status in Austria:

- in Austria digital signatures are mostly used with mobile phones (Handy-Signatur). Advantage: no extra signature card and card reader needed
- The basic principles of the Austrian “EDM” (Electronic Data Management) solution with its “eVerbringung” (eShipment) part were illustrated with a video. Link: <https://www.youtube.com/watch?v=aEjFXk6kmsc> .

### 3. SWISS EUDIN Integration

Mr. Andre Hauser presented the legal framework and the current status of the project „Implementation of electronic interchange of data in Switzerland“. The attached slideset shows a comprehensive overview of the ongoing project.



DocumentsImplementation\_date\_exchange\_

Slide explanations:

- FOEN stands for Federal Office for the Environment
- Colours in the diagrams:
  - green: electronic
  - yellow: can be electronic (supported by system, but not required to be done electronically)
  - red: handled manually/non-electronic by CA

Status:

- There is a renewed legal basis (OMW – Ordinance on Movements of Waste)
  - From 1<sup>st</sup> of July 2017 the electronic registration of movement documents is required
  - An extended IT solution to support these electronic processes is in preparation
- Current IT solution:
  - For movement documents the solution can be used as a “typewriter” (forms can be filled with data), but this data cannot be saved
  - confirmation of receipt/RD are not covered
- Extended IT solution, which covers the new requirements, and will start operation mid 2017:
  - Example for new functionality: Online registration of movement announcements
- The new ordinance and new IT solution have been extensively discussed with business associations, which in general are supportive
  - The discussions showed also some challenges with details. For example, the exact tonnage often is not known 3 days in advance
- For the test phase / pilot phase of EUDIN connection and data exchange with Austria: some companies have to be selected to support the pilot phase.

### 4. EC and BRS developments and studies

Mr. Norbert Pfaffinger gave an overview over the European Commission and Basel Rotterdam Stockholm (BRS) developments and studies (EC Feasibility Study by Trasys, EC EDI Protocol Study by Bilbomatica, Basel Electronic Approaches)



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- According to the Trasys study: the UN/CEFACT / EUDIN standards should be the base for EU protocol
- Statement of Bilbomatica: the Trasys study was not used as a starting point; the results are not compatible with UN/CEFACT- EUDIN standards and the Nordic TFS, DE
- Austrian review results were presented by Pfaffinger

## 5. UN/CEFACT Work



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Slides were presented by Mr. Pfaffinger

- The current ongoing works on the standard is the completion of missing data. The extension of data delivered in notification attachments is foreseen. This enhancement gives the user the possibility to exchange further user related data within the existing message flow.
- Mr. Pfaffinger will inform the EUDIN Members about ongoing activities of UN/CEFACT work

## 6. EUDIN Messaging Service- Functionality; from Test to Productive Use



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## 7. Digital signatures, eIDAS regulation

A brief overview of the situation regarding digital signatures was given:

- A digital signature solution for waste shipment data has to be compliant with the eIDAS regulation 910/2014 on electronic identification and trust services for electronic transactions in the internal market (it is also the Waste Shipments Regulation that refers to eIDAS)
- The eIDAS regulation provides the solution for the cross-border mutual recognition of digital signatures
- From autumn 2018 means of electronic identification which have been notified and approved for EU-wide must be supported; technical infrastructure is in preparation
- eIDAS is a big step forward with regard to EU-wide digital signatures, and should solve the challenge of mutual recognition of digital signatures. There remain challenges for applying digital signatures in the electronic exchange of waste shipment related data though:
  - “What You See Is What You Sign”: Senders and recipients of electronically exchanged waste shipment related data will usually access this data via their IT solutions. There

will typically be differences in how the data is displayed to the user across different IT solutions. As stated by digital signature standards, for signatures to be of any value, what the signatory has actually seen needs to be “reproducible” and transparent. There are established technical solutions for this challenge. They will need to be employed in appropriate ways

- Authorization of a natural person to represent a non-natural person (company): A recipient of signed data not only needs to be sure about the identity of the natural person who signed, namely that who appears to have signed actually is the one who has signed, and cannot repudiate that. A recipient who receives signed waste shipment related data also needs evidence that the natural person who signed is authorized to represent the legal person (company such as notifier or consignee), as the natural person’s identity alone is of very limited value. Standardized ways of representing and authenticating such evidence, including unique identification of the non-natural persons involved, are not yet established. And there are some challenges with the details, such as the need to deal with authorization revocations in a very timely manner, whenever a person is no longer authorized to represent a company.

## 8. Conclusion and next steps

### Schedule / Next Steps Country by Country, best date for next EUDIN meeting

Austria:

The following activities are planned:

- Extend the UN/CEFACT standards where needed
- Implement the exchange of notifications with the EUDIN messaging service into EDM (as of now, only the movement related types of documents can be exchanged, such as movement announcement)
- Update the EUDIN website [www.eudin.org](http://www.eudin.org)

In general Austria is ready to connect further EUDIN Members to the message broker operated by Austria.

Belgium:

- need to contact colleagues about integration with new EUDIN messaging service
- testing of message exchange BE / AT to be organized together with Austrian colleagues

Slovenia:

- by the end of the this year there will be a decision on proceeding with EUDIN and the electronic data interchange, Slovenia will inform on this decision

**Switzerland:**

- A status update on the interconnection with EUDIN is planned for March or April. It will be best to have the next EUDIN meeting thereafter

**Luxembourg:**

- Plans to start testing an interconnection with the EUDIN Messaging Service this year

**Next steps decision:**

- Austria will start organizing the next EUDIN meeting from January onwards. The meeting is currently scheduled for mid of April in Vienna